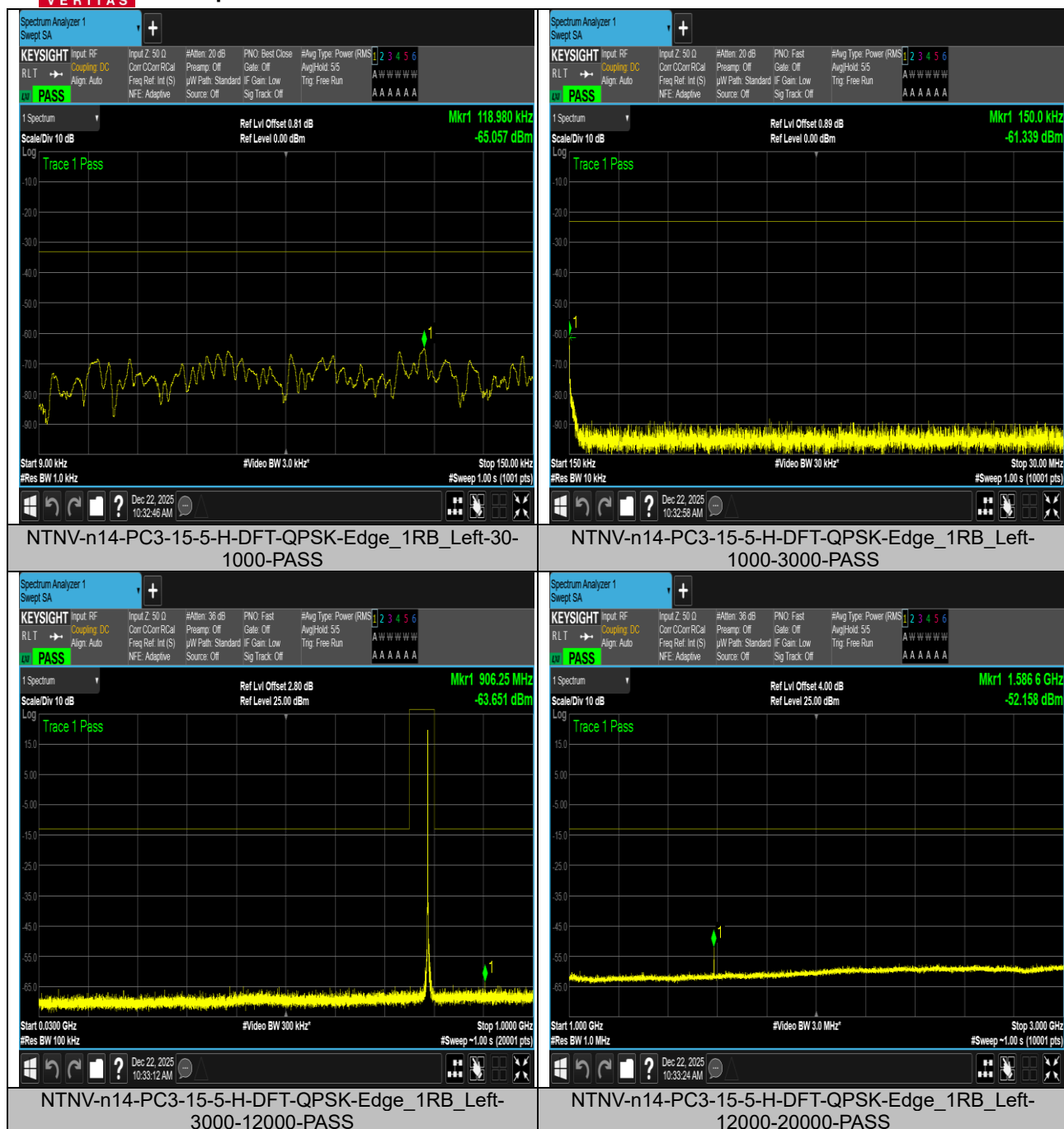
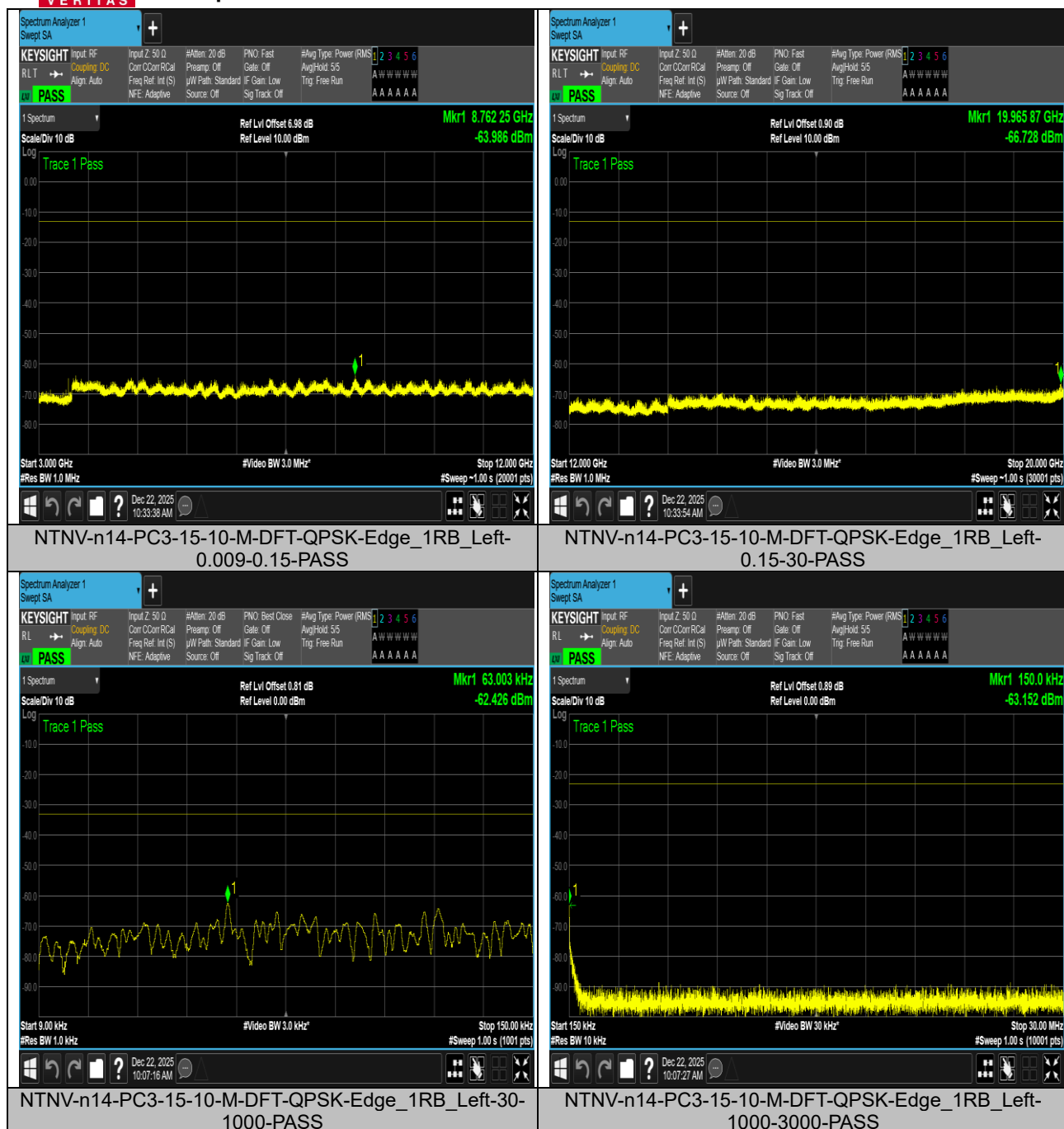






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Test Report No.: PSU-QBJ2512030110RF05



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(Suzhou) Co., Ltd.

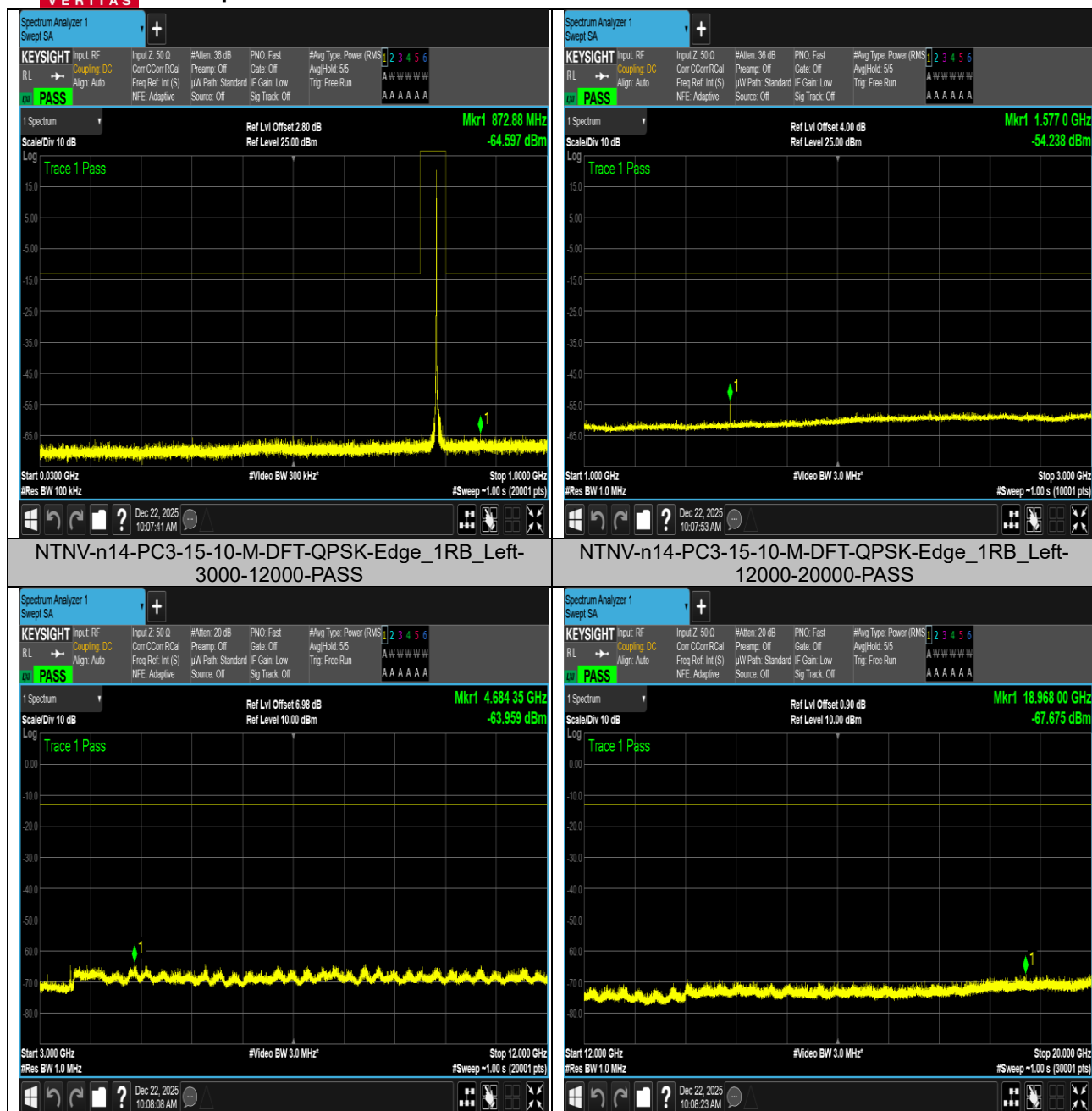
Tower N, Innovation Center, 88 Zuyi Road, High-tech
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Test Report No.: PSU-QBJ2512030110RF05



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Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS (kHz)	Bandwidth (MHz)	Modulation	Channel	RB Config	Voltage (V)	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
n14	15	5	DFT-QPSK	L	Outer_Full	VL	NT	17.854	0.022586	PASS
n14	15	5	DFT-QPSK	L	Outer_Full	VN	NT	13.786	0.017439	PASS
n14	15	5	DFT-QPSK	L	Outer_Full	VH	NT	19.165	0.024244	PASS
n14	15	5	DFT-QPSK	H	Outer_Full	VL	NT	11.618	0.014605	PASS
n14	15	5	DFT-QPSK	H	Outer_Full	VN	NT	13.352	0.016785	PASS
n14	15	5	DFT-QPSK	H	Outer_Full	VH	NT	23.77	0.029881	PASS

Frequency Error VS. Temperature

Temperature										
Band	SCS (kHz)	Bandwidth (MHz)	Modulation	Channel	RB Config	Voltage	Temperature (°C)	Deviation(Hz)	Deviation (ppm)	Verdict
n14	15	5	DFT-QPSK	L	Outer_Full	NV	-30	12.572	0.015904	PASS
n14	15	5	DFT-QPSK	L	Outer_Full	NV	-20	24.525	0.031025	PASS
n14	15	5	DFT-QPSK	L	Outer_Full	NV	-10	41.985	0.053112	PASS
n14	15	5	DFT-QPSK	L	Outer_Full	NV	0	17.761	0.022468	PASS
n14	15	5	DFT-QPSK	L	Outer_Full	NV	10	13.235	0.016743	PASS
n14	15	5	DFT-QPSK	L	Outer_Full	NV	20	19.625	0.024826	PASS
n14	15	5	DFT-QPSK	L	Outer_Full	NV	30	29.963	0.037904	PASS
n14	15	5	DFT-QPSK	L	Outer_Full	NV	40	18.307	0.023159	PASS
n14	15	5	DFT-QPSK	L	Outer_Full	NV	50	11.694	0.014793	PASS
n14	15	5	DFT-QPSK	H	Outer_Full	NV	-30	19.944	0.025072	PASS
n14	15	5	DFT-QPSK	H	Outer_Full	NV	-20	45.329	0.056981	PASS
n14	15	5	DFT-QPSK	H	Outer_Full	NV	-10	17.831	0.022414	PASS
n14	15	5	DFT-QPSK	H	Outer_Full	NV	0	41.492	0.052159	PASS
n14	15	5	DFT-QPSK	H	Outer_Full	NV	10	11.629	0.014619	PASS
n14	15	5	DFT-QPSK	H	Outer_Full	NV	20	11.618	0.014604	PASS
n14	15	5	DFT-QPSK	H	Outer_Full	NV	30	36.997	0.046506	PASS
n14	15	5	DFT-QPSK	H	Outer_Full	NV	40	10.526	0.013232	PASS
n14	15	5	DFT-QPSK	H	Outer_Full	NV	50	18.653	0.023448	PASS



NR BAND N26(814-824)

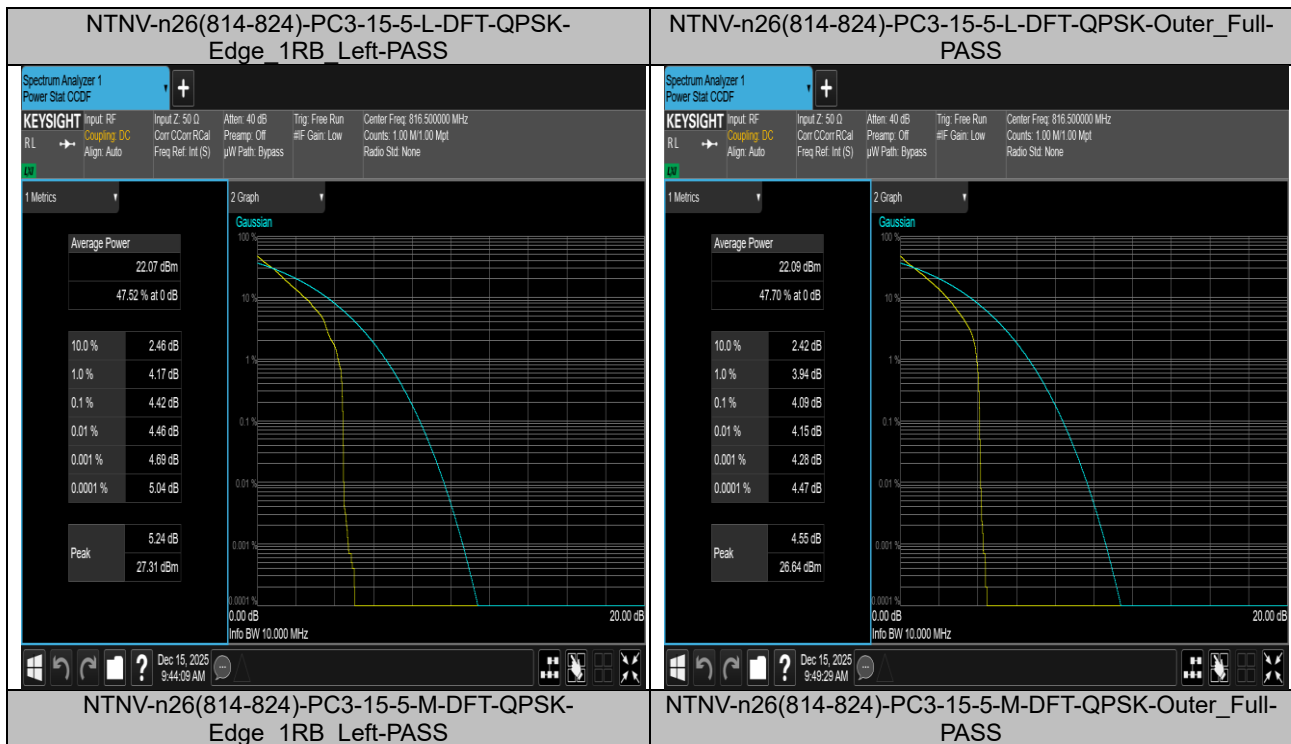
Peak-to-Average Ratio for SA

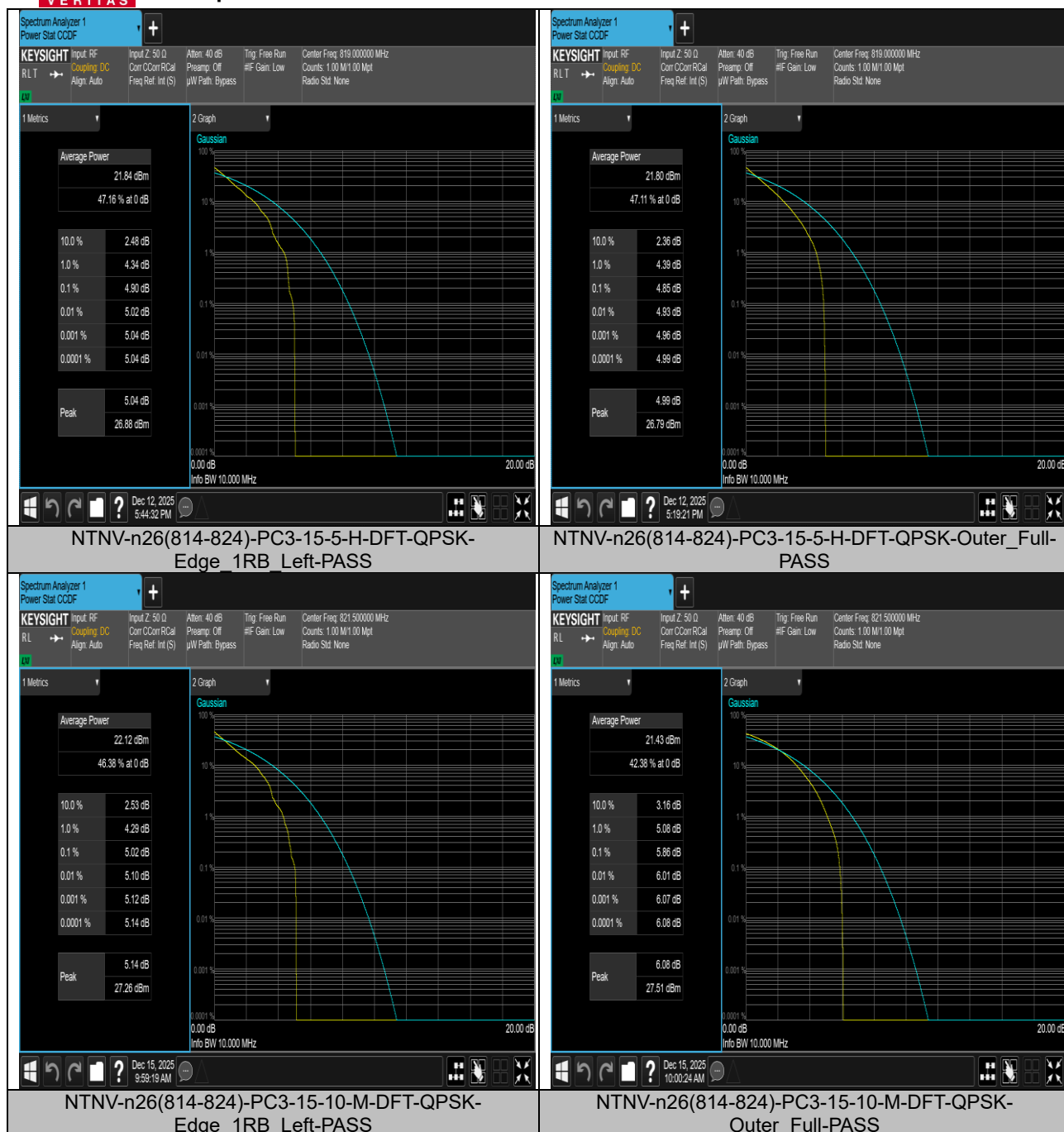
Peak-to-Average Ratio(CCDF)

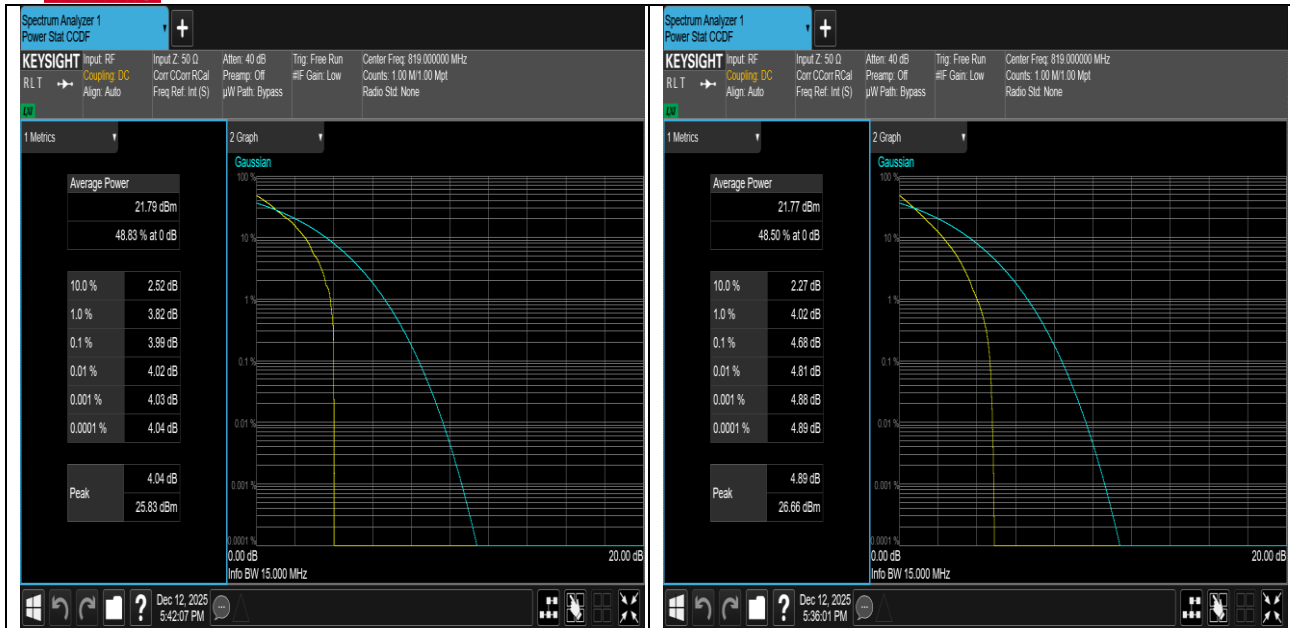
Test Result

Band	SCS (kHz)	Bandwidth (MHz)	Modulation	Channel	RB Config	Result (dB)	Limit	Verdict
n26(814-824)	15	5	DFT-QPSK	L	Edge_1RB_Left	4.42	≤13dB	PASS
n26(814-824)	15	5	DFT-QPSK	L	Outer_Full	4.09	≤13dB	PASS
n26(814-824)	15	5	DFT-QPSK	M	Edge_1RB_Left	4.9	≤13dB	PASS
n26(814-824)	15	5	DFT-QPSK	M	Outer_Full	4.85	≤13dB	PASS
n26(814-824)	15	5	DFT-QPSK	H	Edge_1RB_Left	5.02	≤13dB	PASS
n26(814-824)	15	5	DFT-QPSK	H	Outer_Full	5.86	≤13dB	PASS
n26(814-824)	15	10	DFT-QPSK	M	Edge_1RB_Left	3.99	≤13dB	PASS
n26(814-824)	15	10	DFT-QPSK	M	Outer_Full	4.68	≤13dB	PASS

Test Graphs







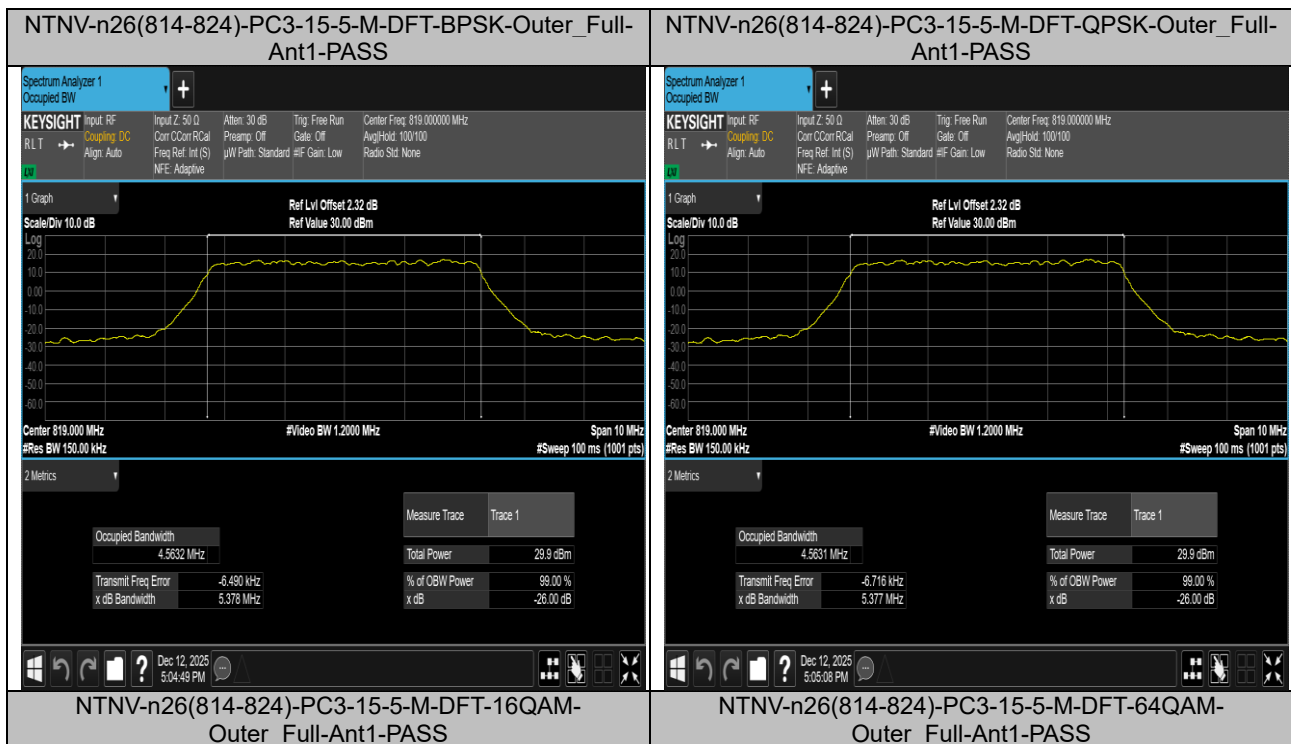


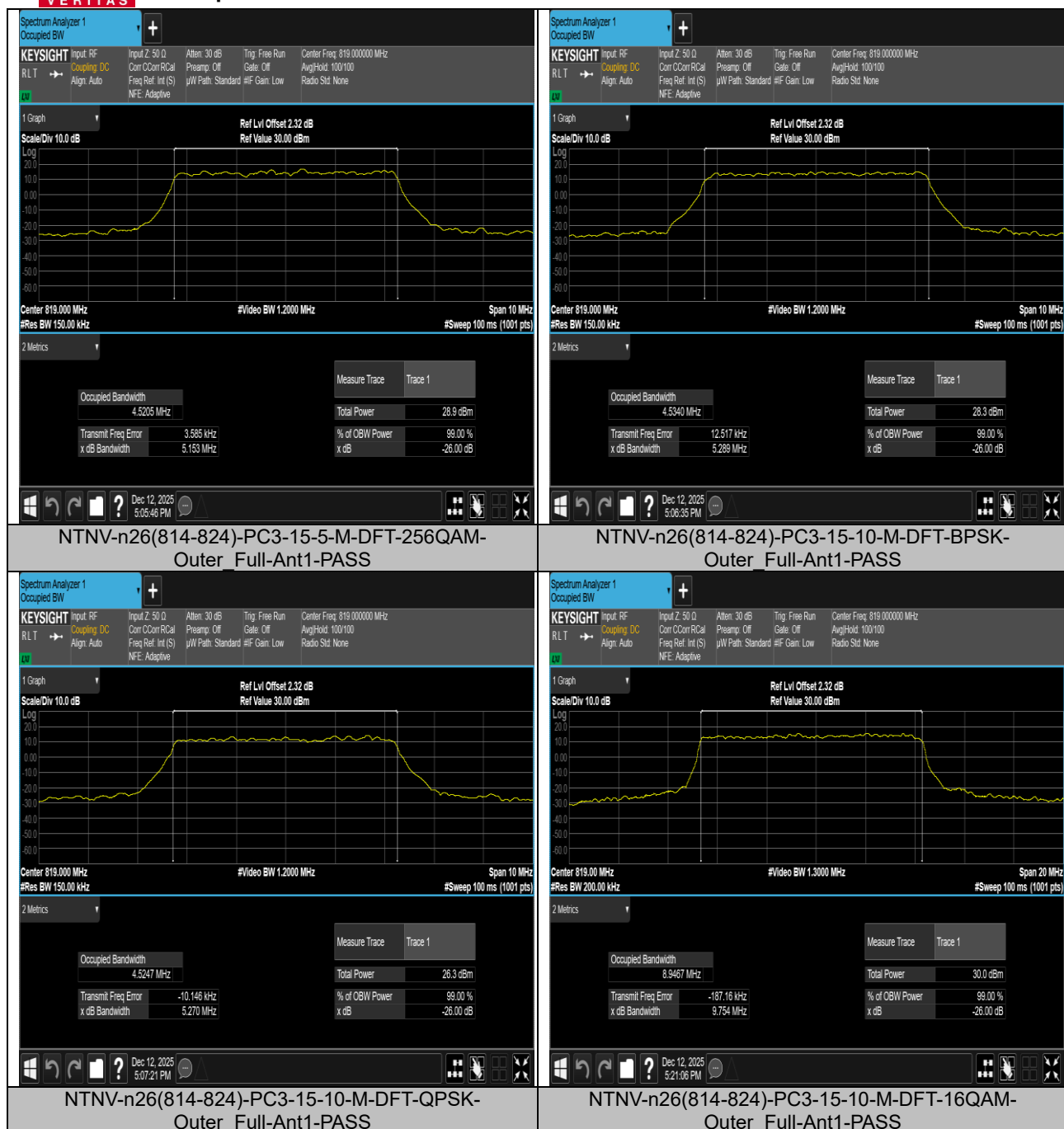
26dB Bandwidth and Occupied Bandwidth for SA

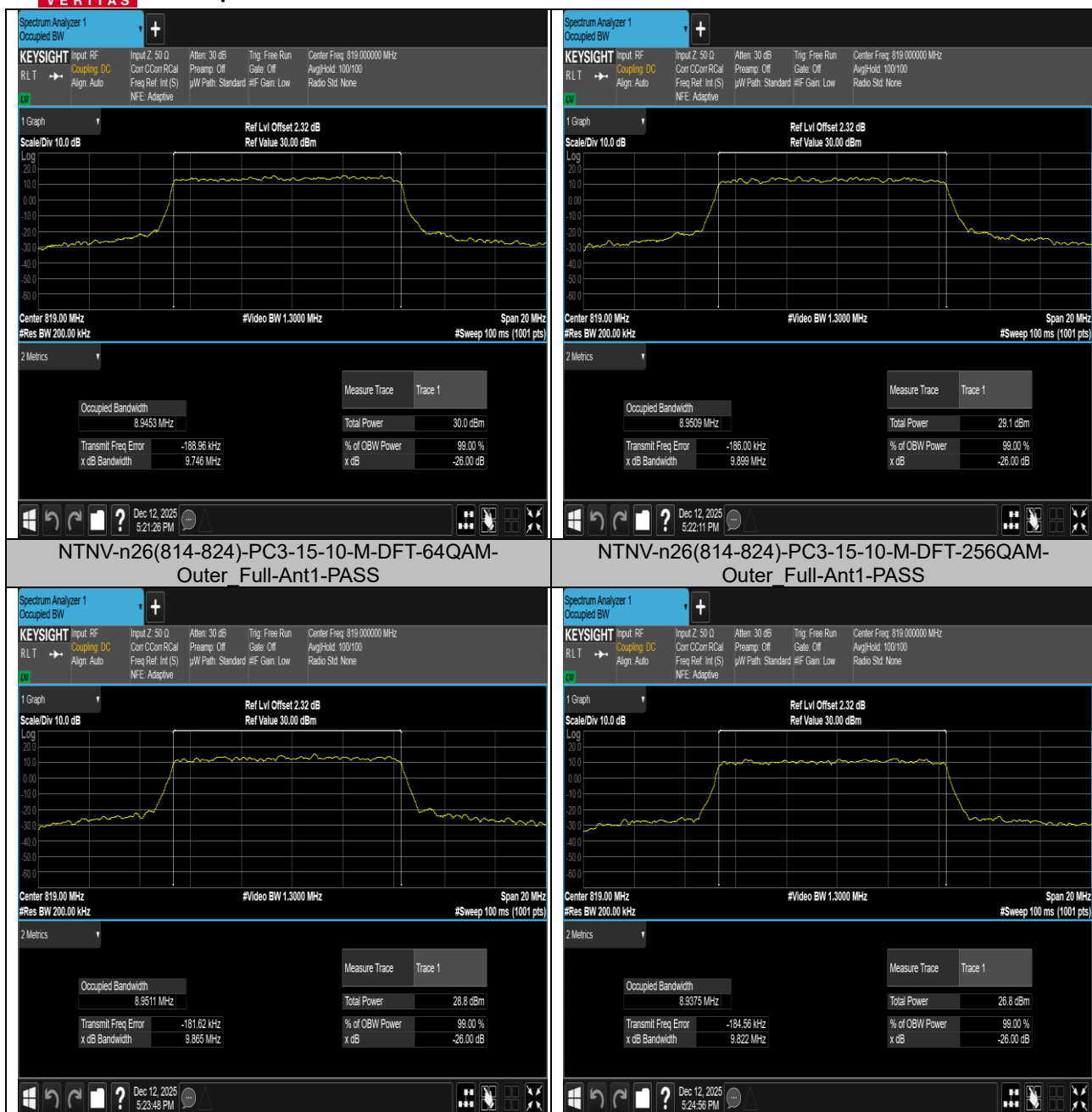
Test Result

Band	SCS (kHz)	Bandwidth (MHz)	Modulation	Channel	RB Config	OBW (MHz)	EBW (MHz)	Verdict
n26(814-824)	15	5	DFT-BPSK	M	Outer_Full	4.5632	5.378	PASS
n26(814-824)	15	5	DFT-QPSK	M	Outer_Full	4.5631	5.377	PASS
n26(814-824)	15	5	DFT-16QAM	M	Outer_Full	4.5205	5.153	PASS
n26(814-824)	15	5	DFT-64QAM	M	Outer_Full	4.5340	5.289	PASS
n26(814-824)	15	5	DFT-256QAM	M	Outer_Full	4.5247	5.270	PASS
n26(814-824)	15	10	DFT-BPSK	M	Outer_Full	8.9467	9.754	PASS
n26(814-824)	15	10	DFT-QPSK	M	Outer_Full	8.9453	9.746	PASS
n26(814-824)	15	10	DFT-16QAM	M	Outer_Full	8.9509	9.899	PASS
n26(814-824)	15	10	DFT-64QAM	M	Outer_Full	8.9511	9.865	PASS
n26(814-824)	15	10	DFT-256QAM	M	Outer_Full	8.9375	9.822	PASS

Test Graphs







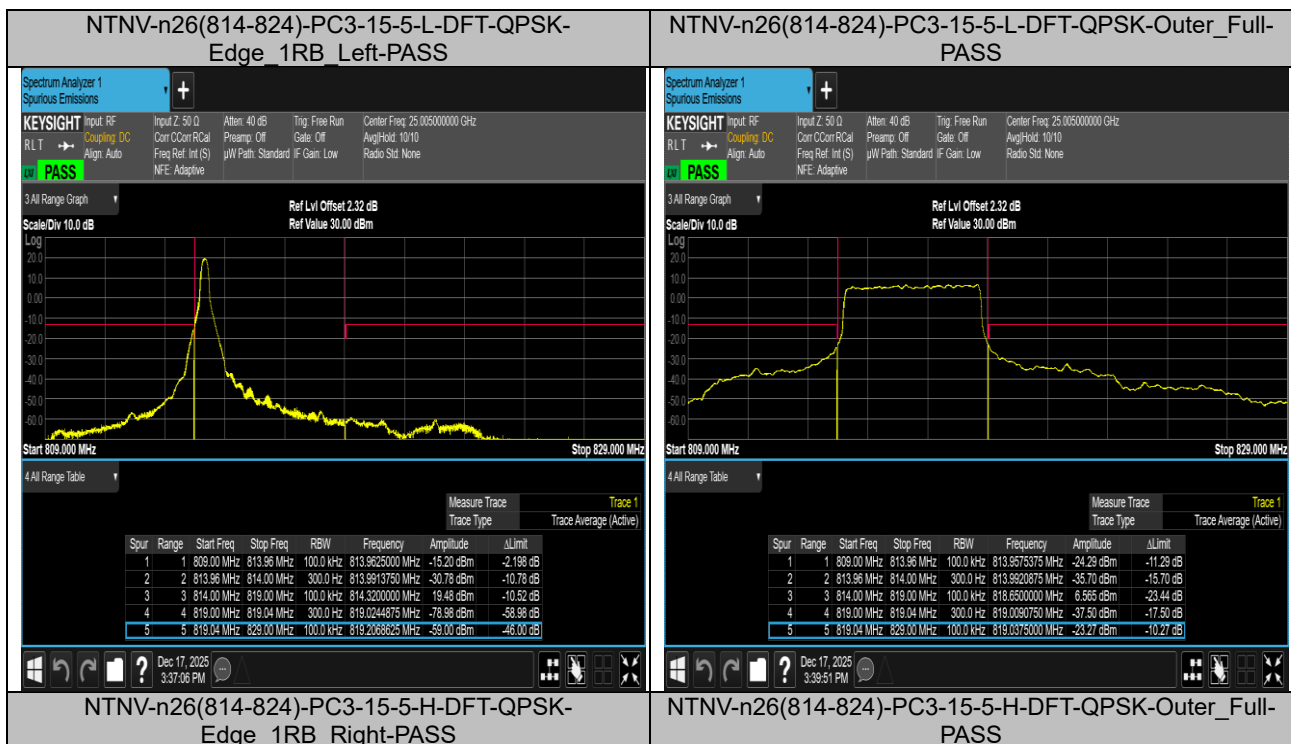


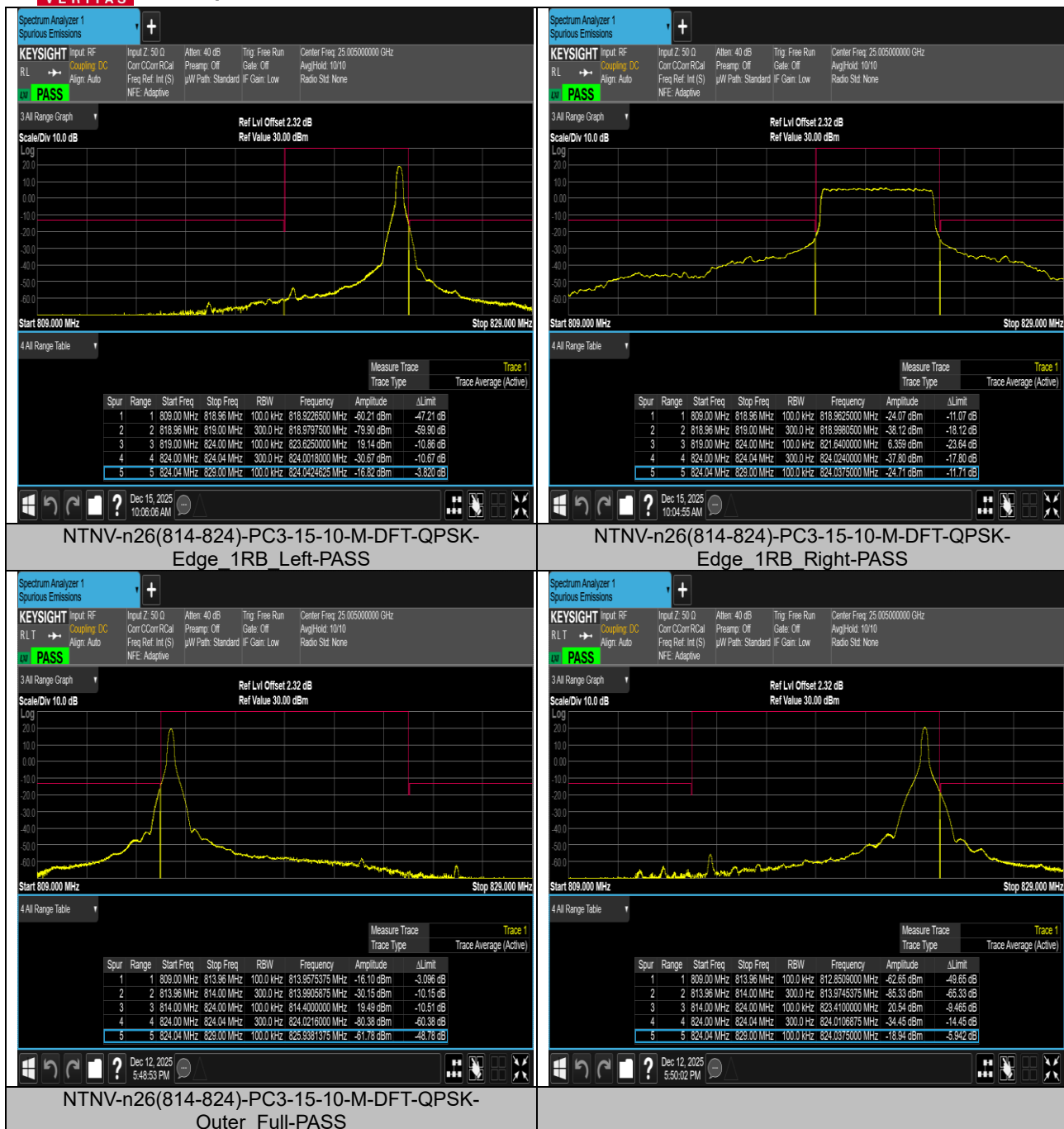
Band Edge for SA

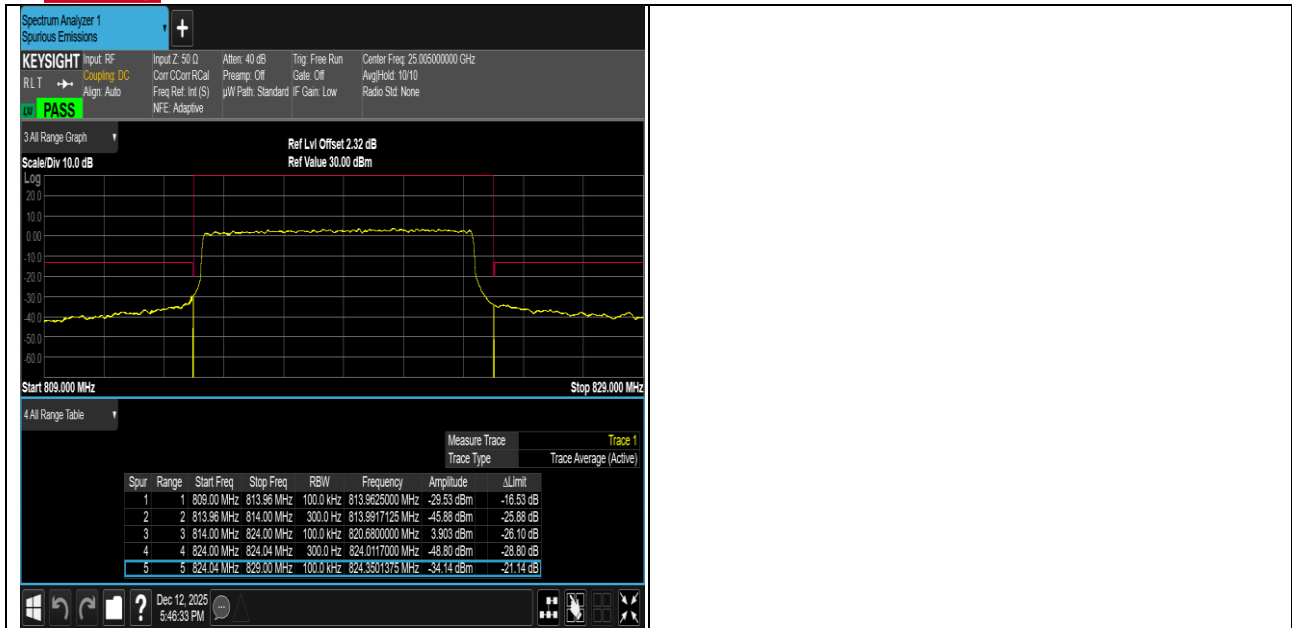
Test Result

Band	SCS (kHz)	Bandwidth (MHz)	Modulation	Channel	RB Config	Result (dBm)	Verdict
n26(814-824)	15	5	DFT-QPSK	L	Edge_1RB_Left	-15.20	PASS
n26(814-824)	15	5	DFT-QPSK	L	Outer_Full	-23.27	PASS
n26(814-824)	15	5	DFT-QPSK	H	Edge_1RB_Right	-16.82	PASS
n26(814-824)	15	5	DFT-QPSK	H	Outer_Full	-24.07	PASS
n26(814-824)	15	10	DFT-QPSK	M	Edge_1RB_Left	-16.10	PASS
n26(814-824)	15	10	DFT-QPSK	M	Edge_1RB_Right	-18.94	PASS
n26(814-824)	15	10	DFT-QPSK	M	Outer_Full	-29.53	PASS

Test Graphs









Conducted Spurious Emission for SA

Test Result

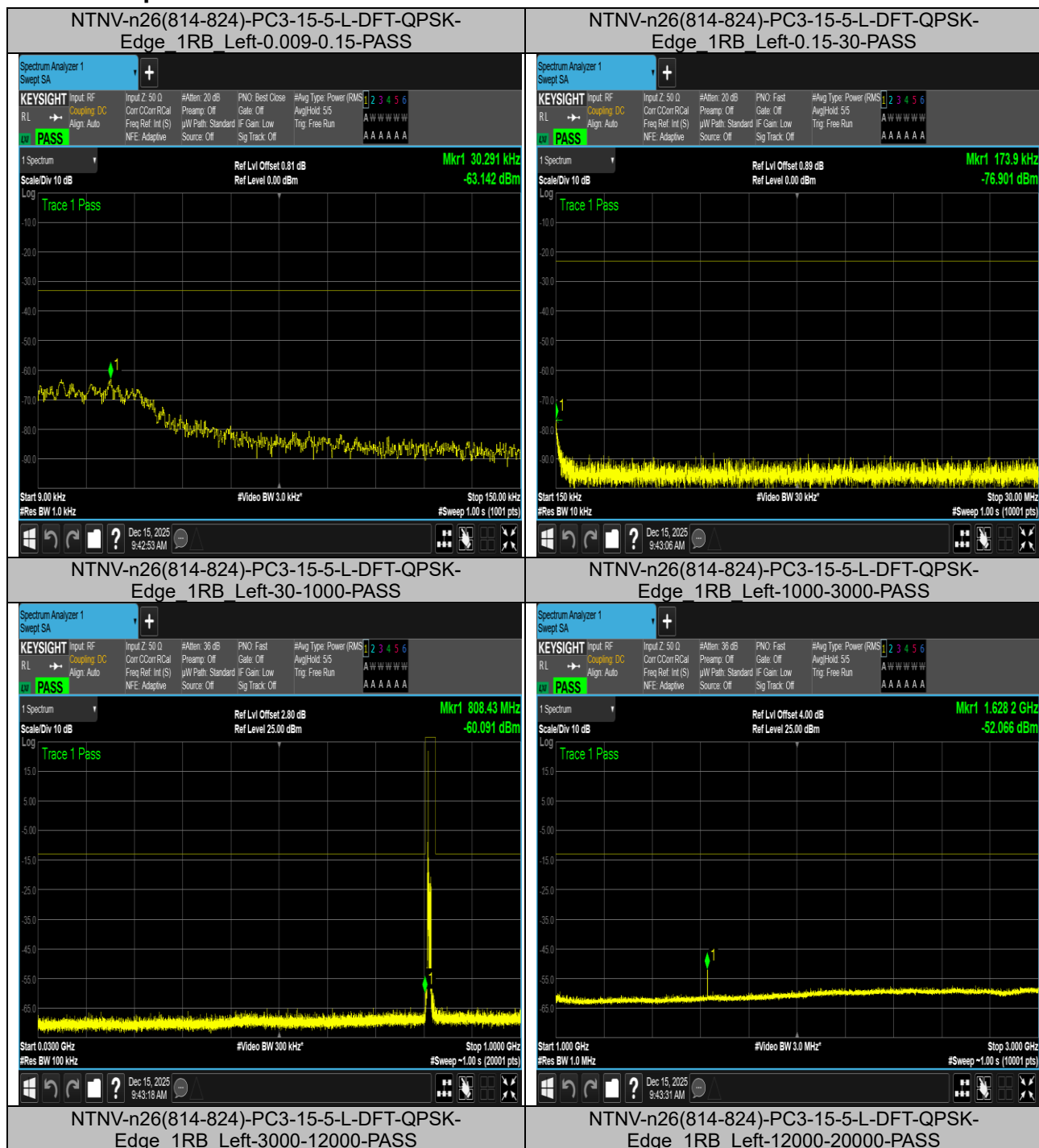
Band	SC S (kHz)	Bandwidth (MHz)	Modulation	Channel	RB Config	StartFreq (MHz)	StopFreq (MHz)	Result (dBm)	Limit	Verdict
n26(814-824)	15	5	DFT-QPSK	L	Edge_1RB_Left	0.009	0.15	-63.14	≤-33dBm	PASS
n26(814-824)	15	5	DFT-QPSK	L	Edge_1RB_Left	0.15	30	-76.90	≤-23dBm	PASS
n26(814-824)	15	5	DFT-QPSK	L	Edge_1RB_Left	30	1000	-60.09	≤-13dBm	PASS
n26(814-824)	15	5	DFT-QPSK	L	Edge_1RB_Left	1000	3000	-52.07	≤-13dBm	PASS
n26(814-824)	15	5	DFT-QPSK	L	Edge_1RB_Left	3000	12000	-64.24	≤-13dBm	PASS
n26(814-824)	15	5	DFT-QPSK	L	Edge_1RB_Left	12000	20000	-67.21	≤-13dBm	PASS
n26(814-824)	15	5	DFT-QPSK	M	Edge_1RB_Left	0.009	0.15	-65.05	≤-33dBm	PASS
n26(814-824)	15	5	DFT-QPSK	M	Edge_1RB_Left	0.15	30	-62.78	≤-23dBm	PASS
n26(814-824)	15	5	DFT-QPSK	M	Edge_1RB_Left	30	1000	-64.31	≤-13dBm	PASS
n26(814-824)	15	5	DFT-QPSK	M	Edge_1RB_Left	1000	3000	-52.05	≤-13dBm	PASS
n26(814-824)	15	5	DFT-QPSK	M	Edge_1RB_Left	3000	12000	-62.74	≤-13dBm	PASS
n26(814-824)	15	5	DFT-QPSK	M	Edge_1RB_Left	12000	20000	-67.12	≤-13dBm	PASS
n26(814-824)	15	5	DFT-QPSK	H	Edge_1RB_Left	0.009	0.15	-64.37	≤-33dBm	PASS
n26(814-824)	15	5	DFT-QPSK	H	Edge_1RB_Left	0.15	30	-61.50	≤-23dBm	PASS
n26(814-824)	15	5	DFT-QPSK	H	Edge_1RB_Left	30	1000	-64.22	≤-13dBm	PASS
n26(814-824)	15	5	DFT-QPSK	H	Edge_1RB_Left	1000	3000	-53.02	≤-13dBm	PASS
n26(814-824)	15	5	DFT-QPSK	H	Edge_1RB_Left	3000	12000	-61.93	≤-13dBm	PASS
n26(814-824)	15	5	DFT-QPSK	H	Edge_1RB_Left	12000	20000	-67.05	≤-13dBm	PASS
n26(814-824)	15	10	DFT-QPSK	M	Edge_1RB_Left	0.009	0.15	-66.2	≤-33dB	PASS

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n26(814-824)	15	10	DFT-QPSK	M	Edge_1RB_Left	0.15	30	-61.34	≤-23dBm	PASS
n26(814-824)	15	10	DFT-QPSK	M	Edge_1RB_Left	30	1000	-64.14	≤-13dBm	PASS
n26(814-824)	15	10	DFT-QPSK	M	Edge_1RB_Left	1000	3000	-51.88	≤-13dBm	PASS
n26(814-824)	15	10	DFT-QPSK	M	Edge_1RB_Left	3000	12000	-63.04	≤-13dBm	PASS
n26(814-824)	15	10	DFT-QPSK	M	Edge_1RB_Left	12000	20000	-66.53	≤-13dBm	PASS



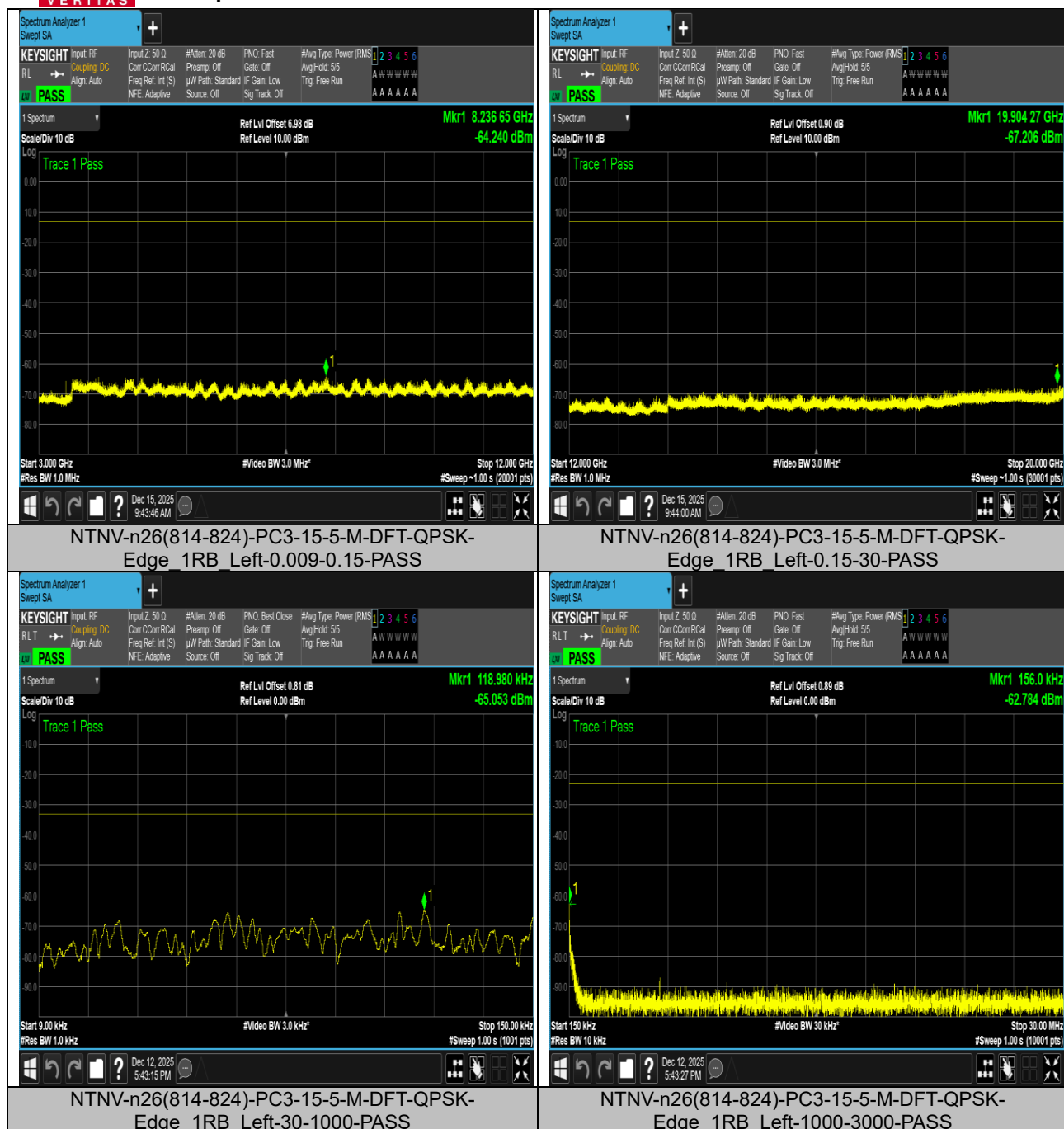
Test Graphs





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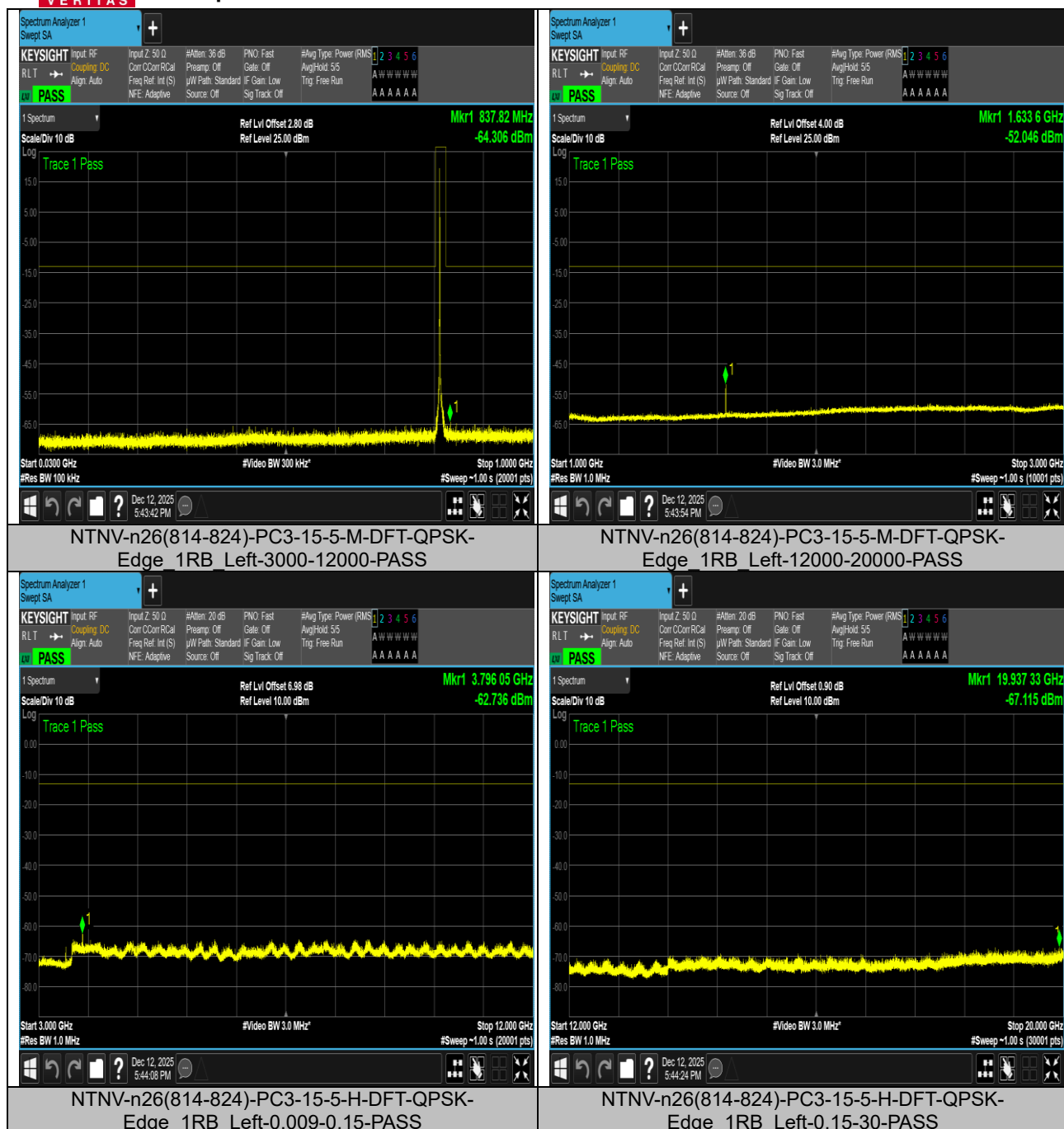
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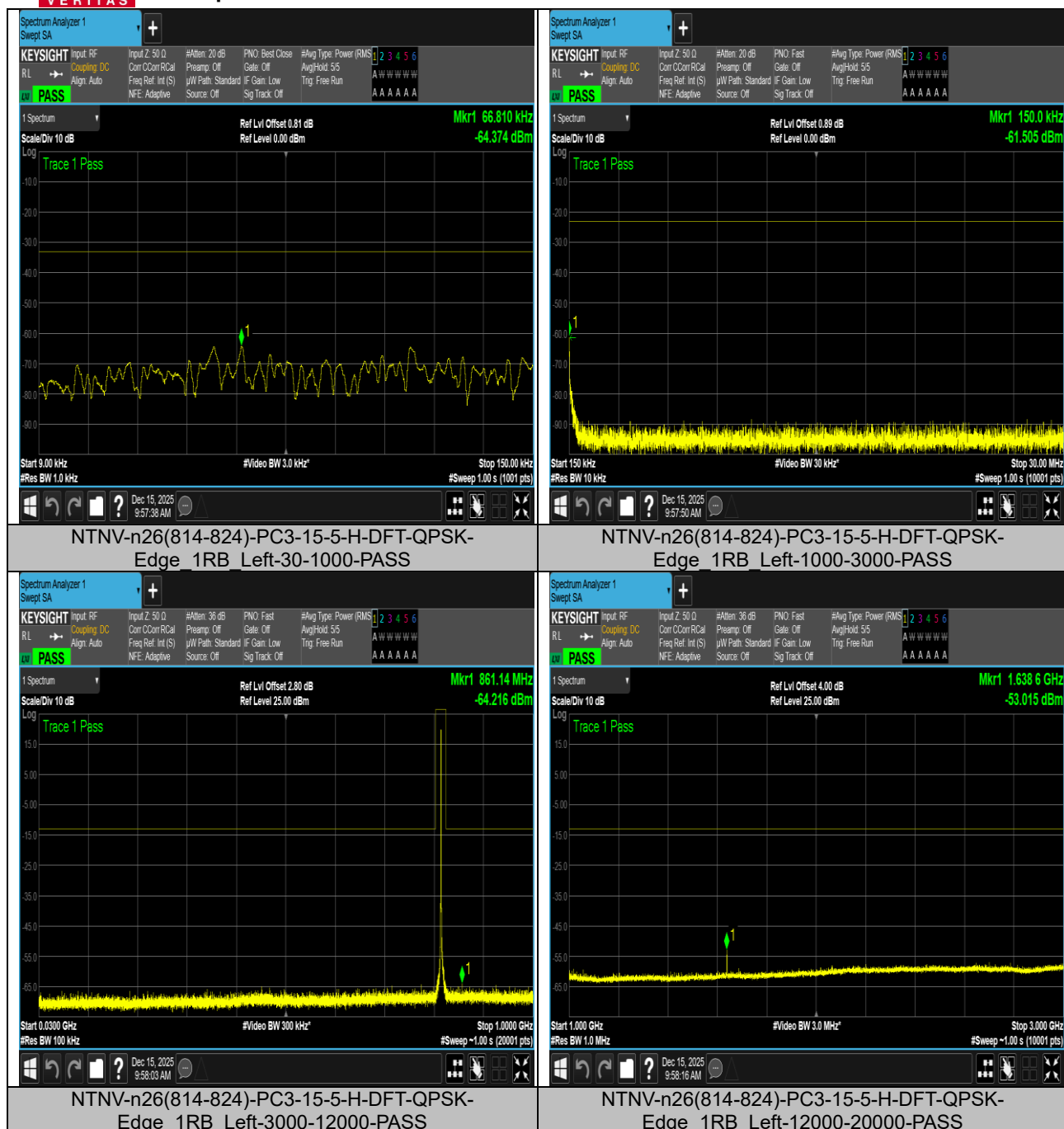
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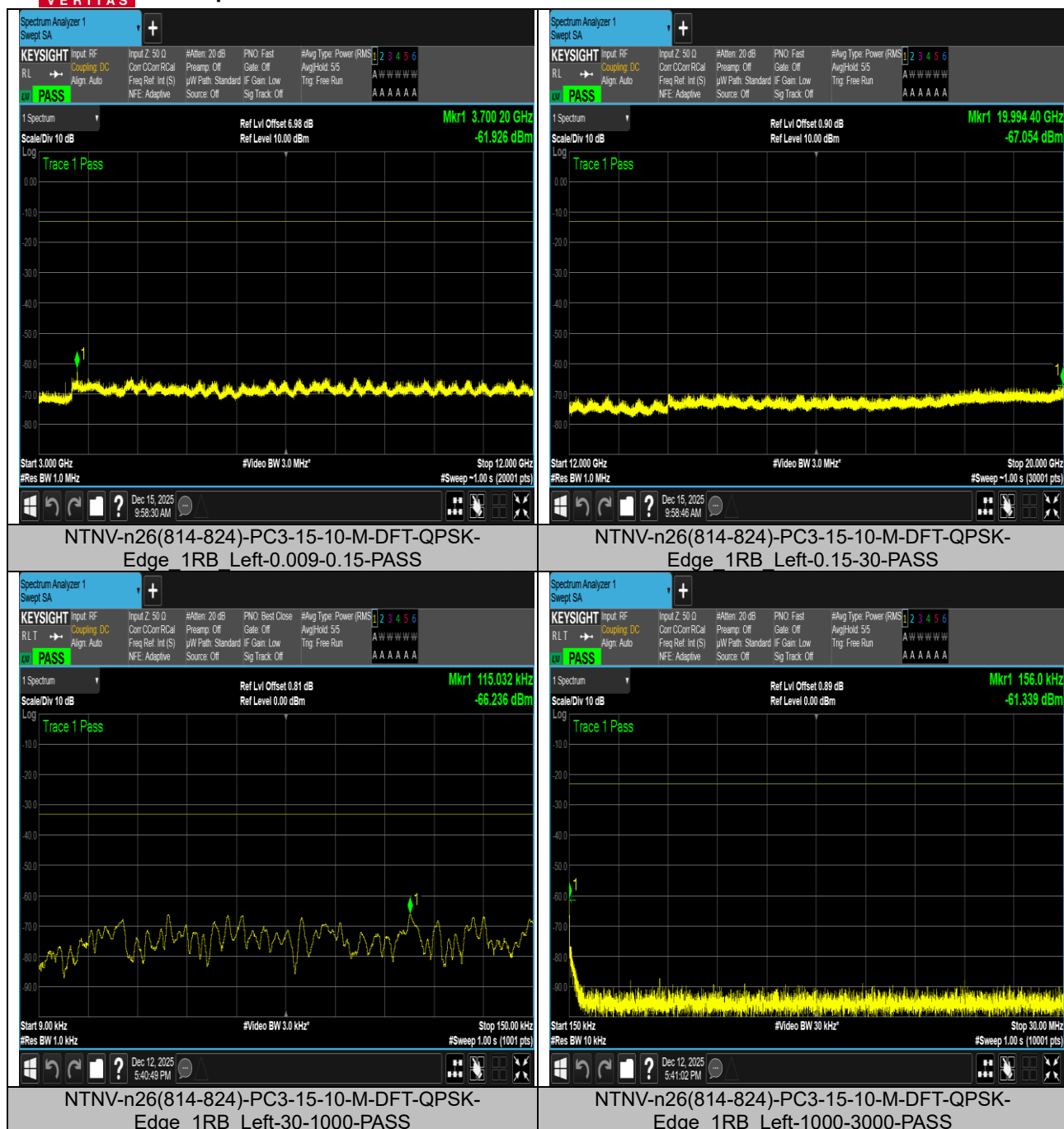
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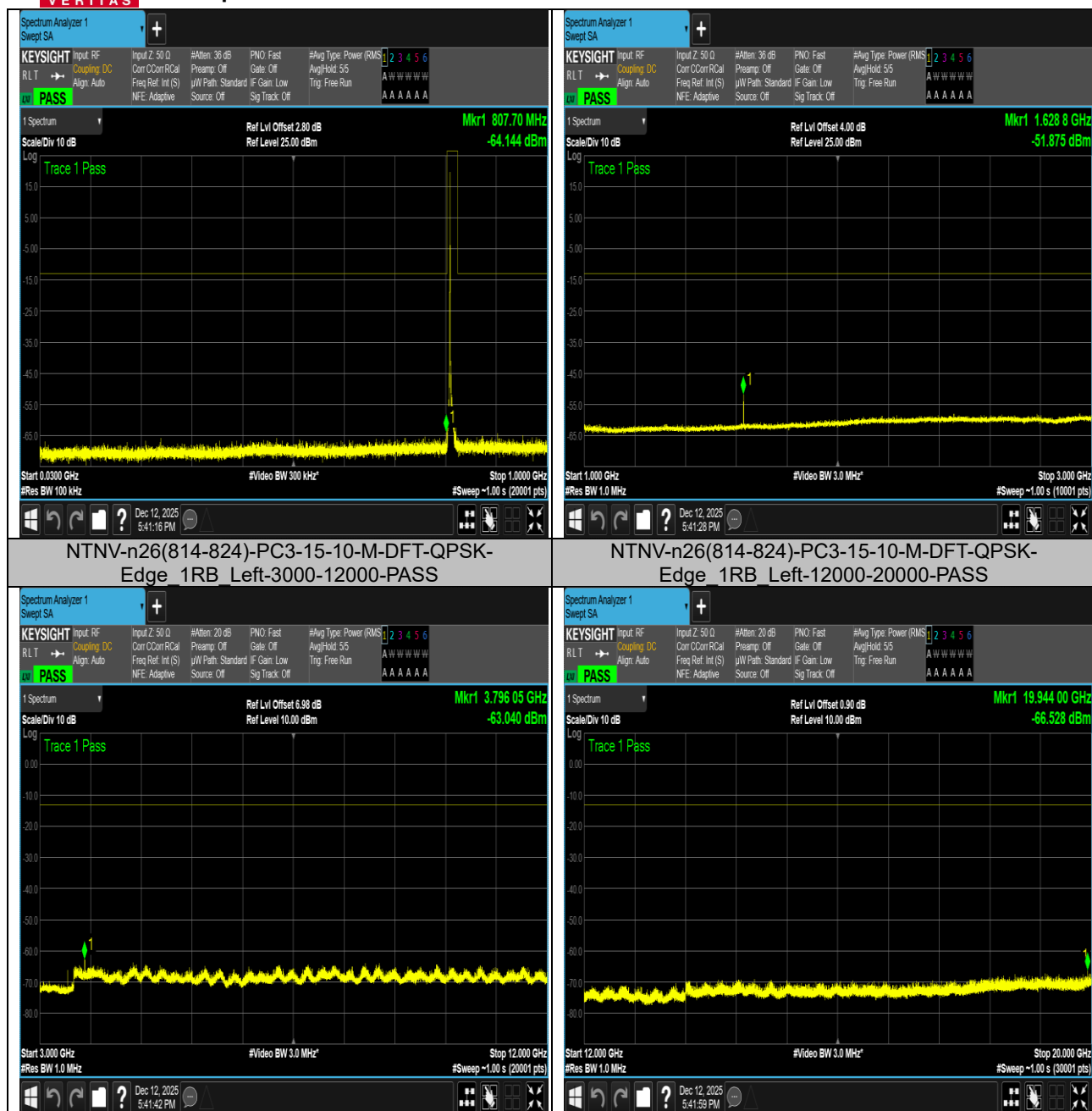
Test Report No.: PSU-QBJ2512030110RF05



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Frequency Stability for SATest Result

Frequency Error VS. Voltage

Voltage										
Band	SC S (kHz)	Bandwidth (MHz)	Modulation	Channel	RB Config	Voltage (V)	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
n26(814-824)	15	5	DFT-QPSK	L	Outer_Full	VL	NT	-2.738	-0.003353	PASS
n26(814-824)	15	5	DFT-QPSK	L	Outer_Full	VN	NT	-2.207	-0.002703	PASS
n26(814-824)	15	5	DFT-QPSK	L	Outer_Full	VH	NT	-1.03	-0.001261	PASS
n26(814-824)	15	5	DFT-QPSK	H	Outer_Full	VL	NT	-0.73	-0.000889	PASS
n26(814-824)	15	5	DFT-QPSK	H	Outer_Full	VN	NT	-0.365	-0.000444	PASS
n26(814-824)	15	5	DFT-QPSK	H	Outer_Full	VH	NT	-0.671	-0.000817	PASS

Frequency Error VS. Temperature

Temperature										
Band	SC S (kHz)	Bandwidth (MHz)	Modulation	Channel	RB Config	Voltage	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
n26(814-824)	15	5	DFT-QPSK	L	Outer_Full	NV	-30	-2.069	-0.002534	PASS
n26(814-824)	15	5	DFT-QPSK	L	Outer_Full	NV	-20	-2.458	-0.00301	PASS
n26(814-824)	15	5	DFT-QPSK	L	Outer_Full	NV	-10	-2.095	-0.002566	PASS
n26(814-824)	15	5	DFT-QPSK	L	Outer_Full	NV	0	-1.894	-0.00232	PASS
n26(814-824)	15	5	DFT-QPSK	L	Outer_Full	NV	10	-1.676	-0.002053	PASS
n26(814-824)	15	5	DFT-QPSK	L	Outer_Full	NV	20	-2.858	-0.0035	PASS
n26(814-824)	15	5	DFT-QPSK	L	Outer_Full	NV	30	-0.806	-0.000987	PASS
n26(814-824)	15	5	DFT-QPSK	L	Outer_Full	NV	40	-1.669	-0.002044	PASS



n26(81 4-824)	15	5	DFT- QPSK	L	Outer_F ull	NV	50	-2.633	- 0.0032 25	PAS S
n26(81 4-824)	15	5	DFT- QPSK	H	Outer_F ull	NV	-30	-1.584	- 0.0019 28	PAS S
n26(81 4-824)	15	5	DFT- QPSK	H	Outer_F ull	NV	-20	-2.087	- 0.0025 4	PAS S
n26(81 4-824)	15	5	DFT- QPSK	H	Outer_F ull	NV	-10	-0.868	- 0.0010 57	PAS S
n26(81 4-824)	15	5	DFT- QPSK	H	Outer_F ull	NV	0	-0.947	- 0.0011 53	PAS S
n26(81 4-824)	15	5	DFT- QPSK	H	Outer_F ull	NV	10	-2.036	- 0.0024 78	PAS S
n26(81 4-824)	15	5	DFT- QPSK	H	Outer_F ull	NV	20	-1.16	- 0.0014 12	PAS S
n26(81 4-824)	15	5	DFT- QPSK	H	Outer_F ull	NV	30	-1.607	- 0.0019 56	PAS S
n26(81 4-824)	15	5	DFT- QPSK	H	Outer_F ull	NV	40	-0.667	- 0.0008 12	PAS S
n26(81 4-824)	15	5	DFT- QPSK	H	Outer_F ull	NV	50	-1.289	- 0.0015 69	PAS S

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